GE
Lighting Solutions

Industrial Lighting

GP5 GHB™ (GP5)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- Assembly lines, inspection areas, production bays, storage areas, warehouses and commercial areas

Finish

- Polyester powder gray or white paint finish

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing Finish Polyester powder gray or white paint finish

Ratings

- c UL Listed to Canadian standards and codes
- UL 1598 Listed Suitable for Damp Locations

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available
- Flexible Spacing Criterion (SC) – five-position mounting bracket allows field adjustable light distribution

Reflectors

- UV stabilized acrylic reflector

Unique Features

- 55° C ambient standard
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in diagnostics capability
  - plug-in modular wiring systems
  - plug-in fuse kits
- Safety chain provisions
- Mogul base socket - E39 standard
- Shipped as components: Ballast, Optical
- Magnapack available for ballast

Ordering Number Logic

GP5 GHB™ (GP5)

GP5 ___ - _ - __ - _ - _ - _ - _ - __ - NA - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
GP5 = GHBP Luminaire	**G** = Gray Electro Coat **W** = White Polyester Powder	**17** = 175 **20** = 200 **25** = 250 **32** = 320 **35** = 350 **40** = 400	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS For International Markets only **M** = MH **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60 Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = Systems 3 Bilevel Autoreg **G** - CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag	**V6** = Open ventilated 16-inch acrylic **V2** = Open ventilated 22-inch acrylic **NOTE:** Do not use open opticals with lamps specified for use in enclosed fixtures only. **Note:** Lens assemblies' available.	**NA** = Not Applicable (Reflector position is set at installation)	**XX** = Select Code Below **11** = Pendant mounting **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note: ACS** = Flex 3+ **Plug-N-Go** = FSC Series	**B** = Time Delay Automatically Switched Quartz **F** = Fusing (Not available with multivolt) **G** = Secondary Wiring Access 7/8 in. dia. knockout **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **S** = Exclusionary mogul basesocket for MH open fixtures

Ballast Selection Table

		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
250	**HPS**	**A**	**A,D**	**A,D**	**A**	**A,H**	**A,H,M**	**A,H**	**A,H**	**M**
400	**HPS**	**A**	**A,D**	**A,D**	**A**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
175	**MH**	**A**	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A
250	**MH**	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
400	**MH**	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
175	**EPMH**	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A
250	**EPMH**	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A
320	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
350	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
400	**EPMH**	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
*** H is HPF-Linear Reactor available as 277 volt only.
Cannot be used with Automatic Switch Quartz Option.

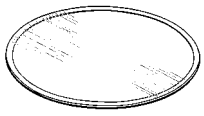
CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
3.Multivolt not available.

Product Dimensions

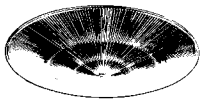
Lens Assemblies
For Acrylic/Polycarbonate opticals only (Order separately)

- **E*L2-GHBP**
  Clear acrylic lens for 22-in. (559mm) optical (40°C max. ambient on 400 watt fixtures)
- **E*L6-GHBP**
  Clear acrylic lens for 16-in (406mm) optical (40°C max. ambient on 250 watt fixtures)
- **E*PL2-GHBP**
  Clear acrylic prismatic conical lens for 22-in (559mm) optical (40°C max. ambient on 400 watt fixtures)
- **E*PL6-GHBP**
  Clear acrylic prismatic conical lens for 16-inch optical (40°C maximum ambient on 250W fixtures)
- **E*RL6-GHBP**
  Clear prismatic drop lens for 16-inch optical (40°C maximum ambient on 250W fixtures)

* Select Lens material (Example EAL2-GHBP = Standard Acrylic)
A = Standard Acrylic

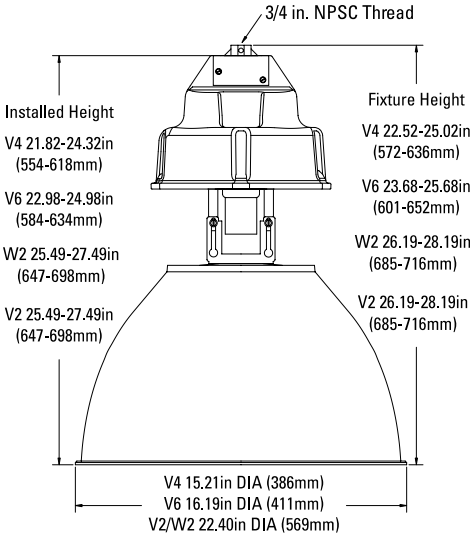


E*L2-
E*L6-



E*PL2-
E*PL6-

E*RL6-



Photometric Selection Table

V6 OPTICAL - Open & Ventilated 16in. Acrylic Prismatic Reflector							
Wattage	Light Source	Max Temp	Spacing Criteria	Reflect. Position	Photometric Curve	Optical Code	Photometry Code
350, 400	EPMH	40	2.0	3	179381	V6	NA
350, 400, Coated	EPMH	40	1.9	3	179382	V6	NA
70,100,150 (55V)	HPS	55	1.5	4	178468	V6	NA
250	HPS	55	1.7	4	178415	V6	NA
250	HPS	55	1.9	5	178413	V6	NA
V6 OPTICAL - Ventilated 16in. Acrylic Prismatic Reflector with E*L6-GHBP Flat Polymeric Lens**							
175, 250	EPMH	40	1.5	4	179274	V6	NA
175, 250	EPMH	40	1.7	5	179271	V6	NA
175, 250, Coated	EPMH	40	1.5	4	179273	V6	NA
175, 250, Coated	EPMH	40	1.7	5	179272	V6	NA
V6 OPTICAL - Ventilated 16in. Acrylic with E*PL6-GHBP Prismatic Conical Polymeric Lens**							
175	EPMH	40	1.5	3	450246	V6	NA
175	EPMH	40	1.7	4	450247	V6	NA
175	EPMH	40	2.0	5	450248	V6	NA
175, Coated	EPMH	40	1.5	3	450226	V6	NA
175, Coated	EPMH	40	1.7	4	450229	V6	NA
175, Coated	EPMH	40	1.9	5	450232	V6	NA
250	EPMH	40	1.5	3	450237	V6	NA
250	EPMH	40	1.7	4	450238	V6	NA
250	EPMH	40	2.0	5	450239	V6	NA
250, Coated	EPMH	40	1.4	3	450217	V6	NA
250, Coated	EPMH	40	1.6	4	450220	V6	NA
250, Coated	EPMH	40	1.8	5	450223	V6	NA

** Ordered separately
* Select Lens material (Example EAL2-GHBP = Standard Acrylic)

Photometric Selection Table

V6 OPTICAL - Ventilated 16in. Acrylic with E*RL6-GHBP Drop Polymeric Lens**							
Wattage	Light Source	Max Temp	Spacing Criteria	Reflect. Position	Photometric Curve	Optical Code	Photometry Code
175	EPMH	40	1.3	3	450249	V6	NA
175	EPMH	40	1.5	4	450250	V6	NA
175	EPMH	40	1.7	5	450251	V6	NA
175, Coated	EPMH	40	1.3	3	450227	V6	NA
175, Coated	EPMH	40	1.5	4	450230	V6	NA
175, Coated	EPMH	40	1.7	5	450233	V6	NA
250	EPMH	40	1.3	3	450240	V6	NA
250	EPMH	40	1.5	4	450241	V6	NA
250	EPMH	40	1.7	5	450242	V6	NA
250, Coated	EPMH	40	1.2	3	450218	V6	NA
250, Coated	EPMH	40	1.4	4	450221	V6	NA
250, Coated	EPMH	40	1.6	5	450224	V6	NA
V2 OPTICAL - Open & Ventilated 22in. Prismatic Acrylic Reflector							
175, 250, 320 (ED28)	EPMH	55	0.8	5	451942	V2	NA
175, 250, 320 (ED28) Coated	EPMH	55	1.0	5	451943	V2	NA
350, 400	EPMH	55	1.5	5	451948	V2	NA
350, 400, Coated	EPMH	55	1.4	5	451949	V2	NA
400	HPS	55	0.9	4	451954	V2	NA
400	HPS	55	1.2	5	451955	V2	NA
V2 OPTICAL - Ventilated 22in. Prismatic Acrylic Reflector with E*PL2-GHBP Prismatic Conical Polymeric Lens**							
175, 250, 320 (ED28)	EPMH	40	1.0	3	451946	V2	NA
175, 250, 320 (ED28) Coated	EPMH	40	1.0	3	451947	V2	NA
350, 400	EPMH	40	1.5	4	451952	V2	NA
350, 400 Coated	EPMH	40	1.5	5	451953	V2	NA
V2 OPTICAL - Ventilated 22in. Prismatic Acrylic Reflector with E*L2-GHBP Flat Clear Polymeric Lens**							
175, 250, 320 (ED28)	EPMH	40	0.8	5	451944	V2	NA
350, 400	EPMH	40	1.5	4	451950	V2	NA
350, 400, Coated	EPMH	40	1.4	5	451951	V2	NA

** Ordered separately
* Select Lens material (Example EAL2-GHBP = Standard Acrylic)

DATA

- Approximate Net Weight: Ballast and Optical 22-32 lbs (10-15) kgs)

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